

**COLORADO PASSENGER TRAMWAY SAFETY BOARD**

**INCIDENT REPORT**

7/1/2014 Through 6/30/2019

**Breckenridge Ski Resort**

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY
1 4/12/2017	DOPPELMAYR	BR-001	1984	542	6.7	CRACK FOUND IN THRUST JAW OF GRIP 63	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
2 2/23/2016	DOPPELMAYR	BR-001	1984	542	7.5	TWR 21 LS COMBO ASSY FAILURE	2.3	ASSY FAILED AT WELD	<input type="checkbox"/>		<input type="checkbox"/>
3 6/18/2015	RIBLET	BR-007	1980	412	6.12	CHAIR CLIP PULLED FROM ROPE	2.1	OPERATOR ERROR ASSISTING GUEST CAUGHT CHAIR	<input type="checkbox"/>		<input type="checkbox"/>
4 3/14/2019	RIBLET	BR-009	1971	413	5.5	AC MOTOR MALFUNCTION	2.6	ELECTRICAL MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
5 3/16/2019	RIBLET	br-009	1971	413	5.5	CIRCUIT BOARD FAILURE ON THE BARBER-COLE	2.6	ELECTRICAL MALFUNCTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
6 3/4/2018	RIBLET	BR-011	1972	412	3.6	TWR 20 DEROPED HS	1.1	WIND CAUSED CARRIER TO CONTACT TWR GUIDAGE	<input type="checkbox"/>		<input type="checkbox"/>
7 12/28/2018	RIBLET	BR-013	1982	412	3.6	UNINTENTIONAL DEROPEMENT OF GUIDE SHEAV	2.0	CUSTOMER HAD MISLOAD OF CARRIER	<input type="checkbox"/>		<input type="checkbox"/>
8 2/14/2018	POMA	BR-023	1990	314	8.1	SKIER FALLING FROM LIFT BETWEEN TWR 3 & 4	2.0	SKIER ERROR - ATTEMPTING TO CATCH FALLING POLE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
9 3/18/2015	POMA	BR-028	1997	314	8.1	10 YR OLD FELL 21'4" NEAR TWR 20 AS COMFORT	2.0	SKIER ERROR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
10 11/20/2018	POMA	BR-028	1997	314	8.1	SKIER FELL 30 FROM CHAIR NEAR TWR 8	2.0	MEDICAL ISSUE- PASSED OUT IN CHAIR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
11 12/28/2018	POMA	BR-035	1999	316	5.1 5.3	POWER SURGE CAUSED DAMAGE TO 6 SENSORS	2.6 2.9	GROUND FAULT CAUSED 6 SENSORS FOR TERMINAL P	<input checked="" type="checkbox"/>	R/	<input type="checkbox"/>
12 3/2/2017	POMA	BR-035	1999	316	8.1	7 YR OLD FELL 22-25 FEET FROM CHAIR ABOVE T	2.9	BAR WAS RAISED AND CHILD FELL FROM CHAIR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
13 4/8/2018	POMA	BR-038	2001	316	6.7	TRACITION PLATE BOLTS SHEARED OFF OF CARR	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
14 2/7/2018	POMA	BR-038	2001	316	8.1	SKIER FALLING FROM LIFT	2.0	SKIER ERROR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
15 3/7/2017	POMA	BR-038	2001	316	9.3 4.7.4	Y-BOLT FAILURE BOTTOM SIDE OF CROSSARM	2.5	MECHANICAL FAILURE	<input type="checkbox"/>		<input type="checkbox"/>
16 4/3/2016	POMA	BR-046	2005	314	4.3.3	HS ROLLBACK FAILED DURING MONTHLY BRAKE I	2.5	MECHNICAL MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
17 3/23/2019	POMA	BR-046	2005	314	8.1	SKIER CAUGHT TIP ON LCA ROPE. FELL 13 FT JUS	2.0 1.1	WIND GUST CAUSED SKI TO DIP AS ROPE CAME UPWA	<input type="checkbox"/>		<input checked="" type="checkbox"/>
18 12/4/2017	POMA	BR-049	2006	328	6.7	MISCAPTURE AT SHOCK HILL DESTROYED GRIP C	1.1	WIND GUST CAUSED MISCAPTURE	<input type="checkbox"/>		<input type="checkbox"/>
19 1/9/2018	POMA	BR-049	2006	328	6.7	GRIP DAMAGE DUE TO MISCAPTURE	1.1	WIND GUST AT SHOCK HILL	<input type="checkbox"/>		<input type="checkbox"/>
20 1/10/2015	POMA	BR-049	2006	328	8.1	PASSENGER DRAGGED OFF LOADING PLATFORM	2.9	PASSENGER'S DOG ENTERED CABIN AND DOORS CLO	<input type="checkbox"/>		<input type="checkbox"/>
21 11/18/2015	LEITNER-POMA	BR-056	2014	316	6.1	CHAIR DAMAGE WHEN COMFORT BAR CAUGHT O	1.1	100+ GUST OF WIND	<input type="checkbox"/>		<input type="checkbox"/>

# COLORADO PASSENGER TRAMWAY SAFETY BOARD

## INCIDENT REPORT

7/1/2014 Through 6/30/2019

### Keystone Ski Resort

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY
1	9/8/2015	LIFT ENGR	KS-001	1970	412	3.8.7	DEROPEMENT OF TWR 1 HS	2.2	MECHANICAL ERROR - ROLLBACK DURING MAINT TEST	<input type="checkbox"/>	<input type="checkbox"/>
2	6/26/2019	LIFT ENGR	KS-002	1976	412	4.7.2	NDT INDICATION BOTTOM RIGHT SIDE OF MOVAB	3.1	NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
3	3/13/2017	LIFT ENGR	KS-002	1976	412	8.1	11 YR OLD FELL APPROX 14 FEET NEAR TWR 1	2.0	WHILE ATTEMPTING TO "ADJUST" HIMSELF, CHILD FEL	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	2/15/2018	LIFT ENGR	KS-002	1976	412	8.1	SKIER FELL FROM CARRIER	2.0	SKIER ERROR	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	6/26/2019	LIFT ENGR	KS-008	1976	412	4.7.2	NDT INDICATION FROUND IN TOP LEFT SIDE OF M	3.1	NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
6	4/21/2015	DOPPELMAYR	KS-016	1990	314	4.8	CRACKS FOUND IN SPOKE/HUB OF DRIVE BULLW	2.7	UNKNOWN/UNDER INVESTIGATION	<input type="checkbox"/>	<input type="checkbox"/>
7	7/3/2015	DOPPELMAYR	KS-017	1990	314	.7.2	NDT INDICATION BEYOND REPAIR DS-104 GRIP B	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
8	3/6/2015	DOPPELMAYR	KS-017	1990	314	4.7.2	NDT INDICATION IN GRIP HOUSING ALONG SEAM	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
9	2/5/2016	DOPPELMAYR	KS-017	1990	314	4.7.2	NON-REPAIRABLE NDT INDICATION GRIP BODY	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
10	2/15/2016	DOPPELMAYR	KS-017	1990	314	4.7.2	NON-REPAIRABLE NDT INDICATION ON DS-104 GR	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
11	3/14/2019	DOPPELMAYR	KS-017	1990	314	4.7.2	DS108 GRIP HAD NDT REJECTION FLAW ON ACTU	3.1	NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
12	12/18/2015	DOPPELMAYR	KS-017	1990	314	6.7	NDT TESTING FOUND CRACK IN GRIP	3.1	NON-REPAIRABLE NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
13	12/26/2015	DOPPELMAYR	KS-017	1990	314	6.7	NDT INDICATION ON ACTUATING AXLE BORE GUS	3.1	NON-REPAIRABLE NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
14	1/4/2016	DOPPELMAYR	KS-017	1990	314	6.7	NDT INDICATION ON GRIP AXLE	3.1	NON-CORRECTABLE NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
15	3/14/2017	DOPPELMAYR	KS-017	1990	314	8.1	SKIER FELL FROM CARRIER NEAR TWR 3 APPROX	2.0	MEDICAL - PASS. HAD SEISURE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	2/28/2019	DOPPELMAYR	KS-017	1990	314	8.1	SKIER FELL FROM LIFT AT TWR 20	2.0	SKIER PREPARING TO UNLOAD SLIPPED OFF CARRIER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	11/19/2015	DOPPELMAYR	KS-019	1991	414	5.3	LIFT ACELERATED BEYOND MAX SPEED	2.6	DIODES IN RECTIFIER IN LOW VOLTAGE CONTROLS FAI	<input type="checkbox"/>	<input type="checkbox"/>
18	8/16/2018	DOPPELMAYR	KS-019	1991	414	5.5	LOSS OF CONTROL - LIFT ACCELERATED TO 115	2.6	ELECTRICAL MALFUNCTION	<input type="checkbox"/>	<input type="checkbox"/>
19	3/6/2019	DOPPELMAYR	KS-020	1991	326	4.7.2	DS108 GRIP HAD NDT REJECTION FLAW ON ACTU	3.1	NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
20	2/12/2016	DOPPELMAYR	KS-020	1991	326	5.3.1	E-SHUTDOWN FAILED TO STOP LIFT - SET BRAKE	2.6	RELAY IN DIESEL CONTROL BOX NOT FULY SET	<input type="checkbox"/>	<input type="checkbox"/>
21	2/14/2016	DOPPELMAYR	KS-020	1991	326	5.5	RELAY IN DIESEL CONTROL BOX REMOVED FOR	2.2	MAINT. ERROR	<input type="checkbox"/>	<input type="checkbox"/>
22	12/21/2015	DOPPELMAYR	KS-020	1991	326	6.7	25 MM INDICATION FOUND IN FIXED JAW OF DS-10	3.1	NON-REPAIRABLE NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
23	11/28/2018	DOPPELMAYR	KS-020	1991	326	6.7	INDICATION IN CRITICAL AREA OF FIXED JAW DUR	3.1 2.3	NDT INDICATION - FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
24	2/20/2019	DOPPELMAYR	KS-020	1991	326	6.7	BROKEN OPERATIN ROLLER ON GRIP	2.5	BROKEN ROLLER PREVENTED GRIP FROM OPENING U	<input type="checkbox"/>	<input type="checkbox"/>
25	11/21/2015	DOPPELMAYR	KS-023	1997	314	5.5	LIFT ACELERATED TO 110% ON APU	2.6	THE ELECTRONIC FUEL CONTROL MODULE FAILED	<input type="checkbox"/>	<input type="checkbox"/>
26	1/22/2016	DOPPELMAYR	KS-025	1998	314	4.7.1 7.1.2	MONTHLY INSPECTION FOUND CRACKS IN TWRS	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
27	10/7/2015	POMA	KS-030	2000	316	7.1.2 7.1.3	INDICATIONS ON CROSSARM TO LIFTING FRAME	2.3	FATIGUE	<input type="checkbox"/>	<input type="checkbox"/>
28	12/21/2014	DOPPELMAYR	KS-037	2008	328	6.5 6.7	GRIP AND HANGER CABIN 28 DAMAGED UPON EN	1.1	90+ MPH GUST	<input checked="" type="checkbox"/>	R <input type="checkbox"/>
29	1/9/2016	DOPPELMAYR	KS-037	2008	328	6.7	NDT INDICATION IN CRITICAL AREA O FGRIP	3.1	NDT INDICATION	<input type="checkbox"/>	<input type="checkbox"/>
30	12/24/2018	LEITNER-POMA	KS-038	2017	316	8.1	CHILD WAS NOT SEATED PROPERLY AND FATHE	2.0	POSSIBLE SKIER ERROR WHILE LOADING AND MAY NO	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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## INCIDENT REPORT

7/1/2014 Through 6/30/2019

### Arapahoe Basin Ski Area

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY
1 10/17/2018	LIFT ENGR	AB-003	1978	412	4.3.1	SERVICE BRAKE MALFUNCTION	2.6	ELECTRICAL MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
2 4/23/2016	LIFT ENGR	AB-003	1978	412	4.3.4	BW DROPDOG FAILED	2.3	FATIGUE, BROKEN WELD	<input type="checkbox"/>		<input type="checkbox"/>
3 6/4/2016	LIFT ENGR	AB-003	1978	412	4.7.2	NDT INDICATIONS TACO TO HANGER CONNECTIO	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
4 5/23/2018	LIFT ENGR	AB-003	1978	412	4.7.2	INDICATION FOUND ON TOP OF MOVABLE JAWS	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
5 6/3/2018	LIFT ENGR	AB-003	1978	412	4.7.2	NDT INDICATION ON CENTER CROSS BAR OF CAR	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
6 12/23/2014	LIFT ENGR	AB-003	1978	412	8.1	SKIER FEEL FROM LIFT TWR 6	2.0	SKIER ERROR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
7 2/2/2015	LIFT ENGR	AB-004	1978	412	4.1	NOSE CONE BEARING FAILURE	2.9	OIL LINE TO NOSE CONE WAS PLUGGED WITH PAINTC	<input type="checkbox"/>		<input type="checkbox"/>
8 2/2/2015	LIFT ENGR	AB-004	1978	412	4.1	GEARBOX NOSE CONE BEARINGS FAILED	2.9	NOSE CONE OIL LINE PLUGGED WITH GASKET OR PAI	<input type="checkbox"/>		<input type="checkbox"/>
9 10/7/2014	LIFT ENGR	AB-004	1978	412	4.7.2	NDT INDICATION UNDER TACO WELD CHAIRS 18,8	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
10 6/30/2015	LIFT ENGR	AB-004	1978	412	4.7.2	HANGER TO TACO CONNECTION	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
11 4/13/2016	LIFT ENGR	AB-004	1978	412	4.7.2	NDT INDICATIONS BAIL-TO-BASKET CHAIRS 16,66,	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
12 7/13/2016	LIFT ENGR	AB-004	1978	412	4.7.2	NDT INDICATIONS BAIL TO BASKET - 16,66,85,135,	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
13 7/14/2016	LIFT ENGR	AB-004	1978	412	4.7.2	NDT INDICATION NY-115 LARGE POROSITY FOUN	3.1	NDT INDICATION	<input type="checkbox"/>		<input type="checkbox"/>
14 8/10/2016	LIFT ENGR	AB-004	1978	412	4.7.2	NDT INDICATIONS GRIPS 8,18,22,32,67,84,98,108,11	3.1	NDT INDICATIONS	<input type="checkbox"/>		<input type="checkbox"/>
15 11/22/2015	LIFT ENGR	AB-004	1978	412	5.5	NEW THROTTLE SERVO WAS REVERSED, LIFT ACC	2.6	ELEC. MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
16 11/25/2016	LIFT ENGR	AB-004	1978	412	6.1	CHAIR 123, 148 INDICATIONS AT TACO	3.1	NDT INDICATIONS	<input type="checkbox"/>		<input type="checkbox"/>
17 2/28/2015	LIFT ENGR	AB-004	1978	412	7.5	SHEAVE TRAIN DAMAGE	2.3	FATIGUE - RUBBER TIRE AXLE FAILED	<input type="checkbox"/>		<input type="checkbox"/>
18 5/9/2015	LIFT ENGR	AB-004	1978	412	7.5	TWR 7 HS BROKEN LEAF SPRING ON SUPPORT	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
19 2/23/2015	LIFT ENGR	AB-005	1978	412	4.3.1	SERVICE BRAKE MALFUNCTION	2.5	SOLENOID PLUNGER STUCK CLOSED	<input type="checkbox"/>		<input type="checkbox"/>
20 3/19/2018	LIFT ENGR	AB-005	1978	412	4.3.1	SERVICE BRAKE MALFUNCTION	2.5	SOILINOID PLUNGER STUCK AND BRAKE WOULD NOT	<input type="checkbox"/>		<input type="checkbox"/>
21 5/28/2016	LIFT ENGR	AB-005	1978	412	4.7.2	GRIP P078A FAILED NDT	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
22 6/4/2018	LIFT ENGR	AB-005	1978	412	4.7.2	NDT INDICATION 20 GRIPS FAILED	3.1 2.3	NDT INDICATIONS-FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
23 7/17/2014	LIFT ENGR	AB-005	1978	412	6.1	INDICATION FOUND ON HANGER HEAD CASTING	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
24 10/16/2016	POMA	AB-006	2001	413	7.1.2	TOWER HEAD GUSSET CRACKS ON LEADING ED	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
25 7/14/2014	POMA	AB-006	2001	413	7.6	LINE SHEAVE DAMAGE - FOUND 3 SHEAVES DAM	2.5	MECANICAL MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
26 2/14/2015	POMA	AB-006	2001	413	7.6	TWR 2 HS BROKEN SNAP RING FLANGE	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
27 3/10/2015	POMA	AB-006	2001	413	7.6	CRACKED SNAP RING GROOVE	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
28 9/12/2016	POMA	AB-006	2001	413	7.6	TWR 13, HS SHV 2 HAD BROKEN FLANGE	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
29 1/4/2017	POMA	AB-006	2001	413	9.1	OTHER	2.1	SKIERS BACKPACK HUNG UP ON CHAIR BACK AROUND	<input checked="" type="checkbox"/>		<input type="checkbox"/>
30 3/19/2019	POMA	AB-008	2007	414	8.1	SKIER FELL FROM NEAR TWR 5-6	2.0	MEDICAL ISSUE - PASSED OUT	<input type="checkbox"/>		<input checked="" type="checkbox"/>
31 3/15/2017	LEITNER-POMA	AB-009	2010	314	4.3.1	SERVICE BRAKE HYDRAULIC RAM FAILURE	2.5	HYDRAULIC RAM UNTHREADED FROM THE CYLINDER	<input type="checkbox"/>		<input type="checkbox"/>
32 1/3/2015	LEITNER-POMA	AB-009	2010	314	4.3.2	BULLWHEEL BRAKE MALFUNCTION	2.3	SHAFT FAKLIED	<input type="checkbox"/>		<input type="checkbox"/>
33 4/4/2019	LEITNER-POMA	AB-009	2010	314	4.7.3	BROKEN WELD ON LS GS ARM	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
34 12/28/2017	LEITNER-POMA	AB-009	2010	314	8.1	SKER FELL FROM CARRIER NEAR TOWER 2	2.0	SKIER ERROR	<input type="checkbox"/>		<input checked="" type="checkbox"/>

**COLORADO PASSENGER TRAMWAY SAFETY BOARD**

**INCIDENT REPORT**

7/1/2014 Through 6/30/2019

**Arapahoe Basin Ski Area**

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY
35	2/14/2018	LEITNER-POMA	AB-009	2010	314	8.1	SKIER FELL FROM CARRIER 15'-4"	2.0	SKIER ERROR	<input type="checkbox"/>	<input checked="" type="checkbox"/>
36	4/12/2019	LEITNER-POMA	AB-009	2010	314	8.1	SIT SKIER FELL FROM LIFT	2.0	SKIER ERROR	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**COLORADO PASSENGER TRAMWAY SAFETY BOARD**

**INCIDENT REPORT**

7/1/2014 Through 6/30/2019

**Copper Mountain Resort**

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY
1 12/26/2015	POMA	CM-002	1985	413	4.1	GEARBOX INPUT SEAL FAILED DUE TO BEARING	2.5	MECHANICAL MALFUNCTION	<input type="checkbox"/>		<input type="checkbox"/>
2 12/30/2015	POMA	CM-002	1985	413	5.3.2	NON-RESETABLE PLC ERROR	2.6	ELECTRICAL MALFUNCTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
3 4/6/2015	HERON POMA	CM-006	1972	543	3.8.3	DAMAGE OF HAUL ROPE	2.0 2.3	DAMAGE OCCURRED WITH DEROPEMENT ON 2/28 AND	<input type="checkbox"/>		<input type="checkbox"/>
4 12/20/2018	LIFT ENGR	CM-011	1973	412	3.6	HAUL ROPE DEROPED TWR 15 LS	2.0 2.1	SKIER MISUNLOAD CAUSED CHAIR SWING - DUE TO BA	<input type="checkbox"/>		<input type="checkbox"/>
5 3/9/2016	LIFT ENGR	CM-011	1973	412	6.7	FRONT GRIP NEEDLE FAILED ON CARRIER 33	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
6 12/30/2016	POMA	CM-014	1981	413	5.1.1	BREAKER/FUSE FAILURE	2.3 2.7	POSSIBLE FAILURE RELATED TO HEAT FATIGUE	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
7 3/13/2019	POMA	CM-014	1981	413	5.1.1	700 AMP FUSE FAILED FOLLOWING RESTART OF L	2.7	UNKNOWN	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
8 3/13/2019	POMA	CM-014	1981	413	5.2	DRIVE AND MOTOR DAMAGE - POSSIBLE WINDIN	2.6	ELEC MALFUNCTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
9 7/21/2015	POMA	CM-014	1981	413	6.7	INDICATION OBSERVED IN FIXED JAW BEYOND N	3.1	NDT INDICATION	<input type="checkbox"/>		<input type="checkbox"/>
10 2/8/2019	LIFT ENGR	CM-017	1982	413	5.5	ELEC MOTOR ENCODER FAILED	2.9 2.5	BOLT BACKED OUT OF ENCODER CONNECTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
11 4/7/2019	LIFT ENGR	CM-018	1983	413	5.3.2	PLC AND DRIVE FAULTS THAT WOULD MOMENTAI	2.6	ELECTRICAL MALFUNCTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
12 2/6/2019	LIFT ENGR	CM-018	1983	413	5.5	MOTOR TACH FAILED	2.4	BEARING WEAR	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
13 10/20/2016	POMA	CM-021	1989	314	5.3.1	GRND FAULT ON DRV OUTSIDE SHACK E-SHTDW	2.6	ELEC. MALFUNCTION - WIRE PINCHED CAUSING GROU	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
14 3/19/2015	POMA	CM-021	1989	314	6.7	INDICATION IN GRIP BODY	3.1 2.3	NDT INDICATION/FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
15 12/27/2015	POMA	CM-021	1989	314	6.7	EXTERNAL SPRING FAILED ON CHAIR #103	2.3	FATIGUE POSSIBLY AGGREGATED BY COLD TEMPERA	<input type="checkbox"/>		<input type="checkbox"/>
16 6/11/2019	LIFT ENGR	CM-023	1995	412	6.7	REJECTABLE INDICATION ON MOVEABLE JAW CA	3.1	NDT INDICATION	<input type="checkbox"/>		<input type="checkbox"/>
17 11/10/2018	POMA	CM-025	1998	316	4.1	GEARBOX FAILURE	2.4	INPUT BEARING FAILED DUE TO PUMP FAILURE	<input checked="" type="checkbox"/>	R	<input type="checkbox"/>
18 12/3/2015	POMA	CM-025	1998	316	7.5	DRV TERM 4S PORCH SHV #3 SEIZED	2.7 2.4	POSSIBLE SNAP RING WORKED LOOSE	<input type="checkbox"/>		<input type="checkbox"/>
19 3/20/2019	POMA	CM-025	1998	316	8.1	8 YR OLD SKIER FELL 16 FEET BETWEEN TWR 27	2.0	CHILD FELL JUST AFTER ARM BAR WAS RAISED PREP	<input type="checkbox"/>		<input checked="" type="checkbox"/>
20 6/1/2018	POMA	CM-026	1998	314	6.1 4.7.2	INDICATION OBSERVED IN CHAIR BAIL ADJACENT	3.1 2.3	NDT INDICATION / FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
21 1/19/2018	POMA	CM-026	1998	314	6.11	MISCAPTURE AT DRIVE TERMINAL	1.1	WIND GUST	<input type="checkbox"/>		<input checked="" type="checkbox"/>
22 1/12/2016	POMA	CM-026	1998	314	6.7	INDICATIONX IN GRIP AXLE PROPOGATING FROM	3.1 2.3	NDT INDICATION FOUND	<input type="checkbox"/>		<input type="checkbox"/>
23 2/20/2015	DOPPELMAYR	CM-032	2011	314	4.10 4.4	DRIVE SHAFT FAILED	2.7	UNKNOWN	<input type="checkbox"/>	R	<input type="checkbox"/>
24 2/20/2015	DOPPELMAYR	CM-032	2011	314	4.10	DRIVE SHAFT FAILED DURING PRE-OP CHECKS	2.7	FAILURE UNKNOWN AND UNDER INVESTIGATION	<input type="checkbox"/>	R	<input type="checkbox"/>
25 12/6/2018	LEITNER-POMA	CM-041	2018	329	5.2.2	NON-RESETTING MOTOR OVERCURRENT FAULT	2.9 2.7	UNDER INVESTIGATION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>
26 12/21/2018	LEITNER-POMA	CM-041	2018	329	5.2.2	NON-RESETTING FAULT ON E-STOP	2.7	UNKNOWN - NEW TECHNOLOGY AND MFG IS INVESTIG	<input checked="" type="checkbox"/>	R	<input type="checkbox"/>
27 2/9/2019	LEITNER-POMA	CM-041	2018	329	5.2.2	AC DRIVE FAILURE	2.6	ELEC MALFUNCTION	<input checked="" type="checkbox"/>	A	<input type="checkbox"/>

**COLORADO PASSENGER TRAMWAY SAFETY BOARD**

**INCIDENT REPORT**

**7/1/2014 Through 6/30/2019**

**Loveland Ski Area**

DATE OF INCIDENT	MANUFACTURER	LIFT ID	LIFT YEAR	LIFT TYPE	FAIL CODES	FAILURE DESCRIPTION	CAUSE CODES	CAUSE	EVAC	ROPE /AUX	INJURY	
1	4/4/2015	LIFT ENGR	LV-002	1985	413	7.3	ROCKER AXLE ALIGNMENT ADJ BOLT FAILURE	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
2	11/18/2015	LIFT ENGR	LV-002	1985	413	7.6	SHEAVE FAILURE	2.5	SHV BOLTS FAILED TWR 14 LS #4 SHV	<input checked="" type="checkbox"/>	R	<input type="checkbox"/>
3	12/29/2018	LIFT ENGR	LV-002	1985	413	8.1	SNOWBOARDER FELL APPROX 15 FEET JUST PAS	2.0	PREPARING TO UNLOAD AND SLIPPED FROM CARRIER	<input type="checkbox"/>		<input checked="" type="checkbox"/>
4	1/25/2015	POMA	LV-020	1970	541	7.3	CRACK IN TOWER ARM TWR 3	2.7	UNDER INVESTIGATION	<input type="checkbox"/>		<input type="checkbox"/>
5	3/13/2016	POMA	LV-022	1996	414	2.0	PASS FELL FROM CHAIR 108 FEET BELOW MIDWA	8.1	PASS LOST CONCIOUSNESS BEFORE FALL	<input type="checkbox"/>		<input checked="" type="checkbox"/>
6	1/2/2016	POMA	LV-022	1996	414	8.1	PASSENGER FELL FROM CHAIR PAST MIDWAY UN	2.0	SKIER ERROR	<input type="checkbox"/>		<input checked="" type="checkbox"/>
7	12/31/2018	POMA	LV-022	1996	414	8.1	SKIER FELL 8 FEET JUST PAST TWR 14	2.0	PREPARING TO UNLOAD, SKIER WAS SLIPPING POLES	<input type="checkbox"/>		<input checked="" type="checkbox"/>
8	11/16/2018	POMA	LV-024	2011	413	4.3.3	ROLLBACK BRAKE FAILURE - LIFT NOT OPEN TO P	2.3	FATIGUE	<input type="checkbox"/>		<input type="checkbox"/>
9	12/28/2017	MAGIC CARPET	LV-025	2013	770	9.1	MAINTENANCE PERSONNEL INJURY	2.2	UNDER INVESTIGATION	<input type="checkbox"/>		<input checked="" type="checkbox"/>
10	2/28/2016	LEITNER-POMA	LV-027	2015	413	4.3.3	HS ROLLBACK FAILED	2.3	FATIGUE - UNKNOWN	<input type="checkbox"/>		<input type="checkbox"/>
11	4/16/2017	LEITNER-POMA	LV-027	2015	413	5.1 9.1	MAINTENANCE CONTROL RESET ERROR	2.6 2.2	POWER OUTAGE	<input checked="" type="checkbox"/>	R	<input type="checkbox"/>